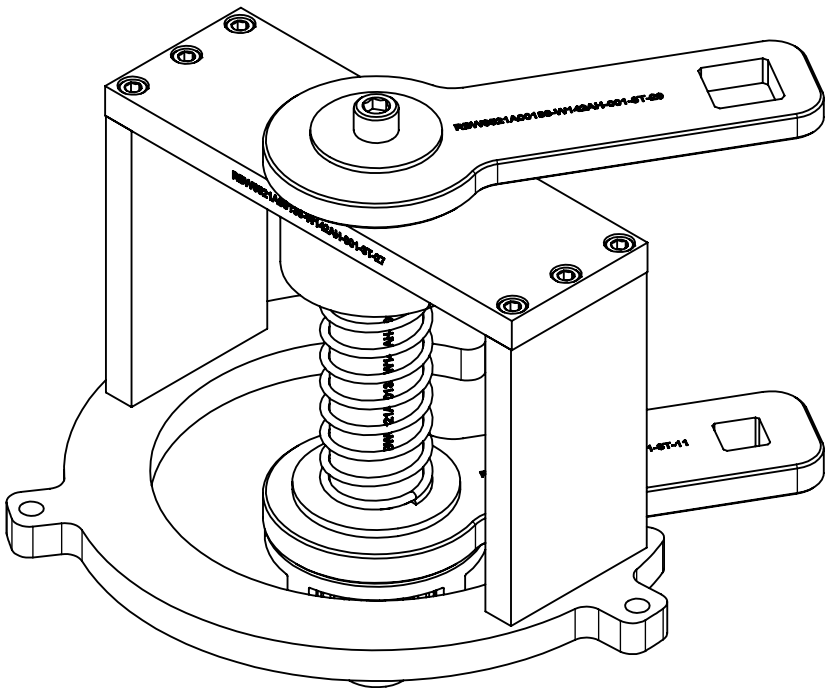


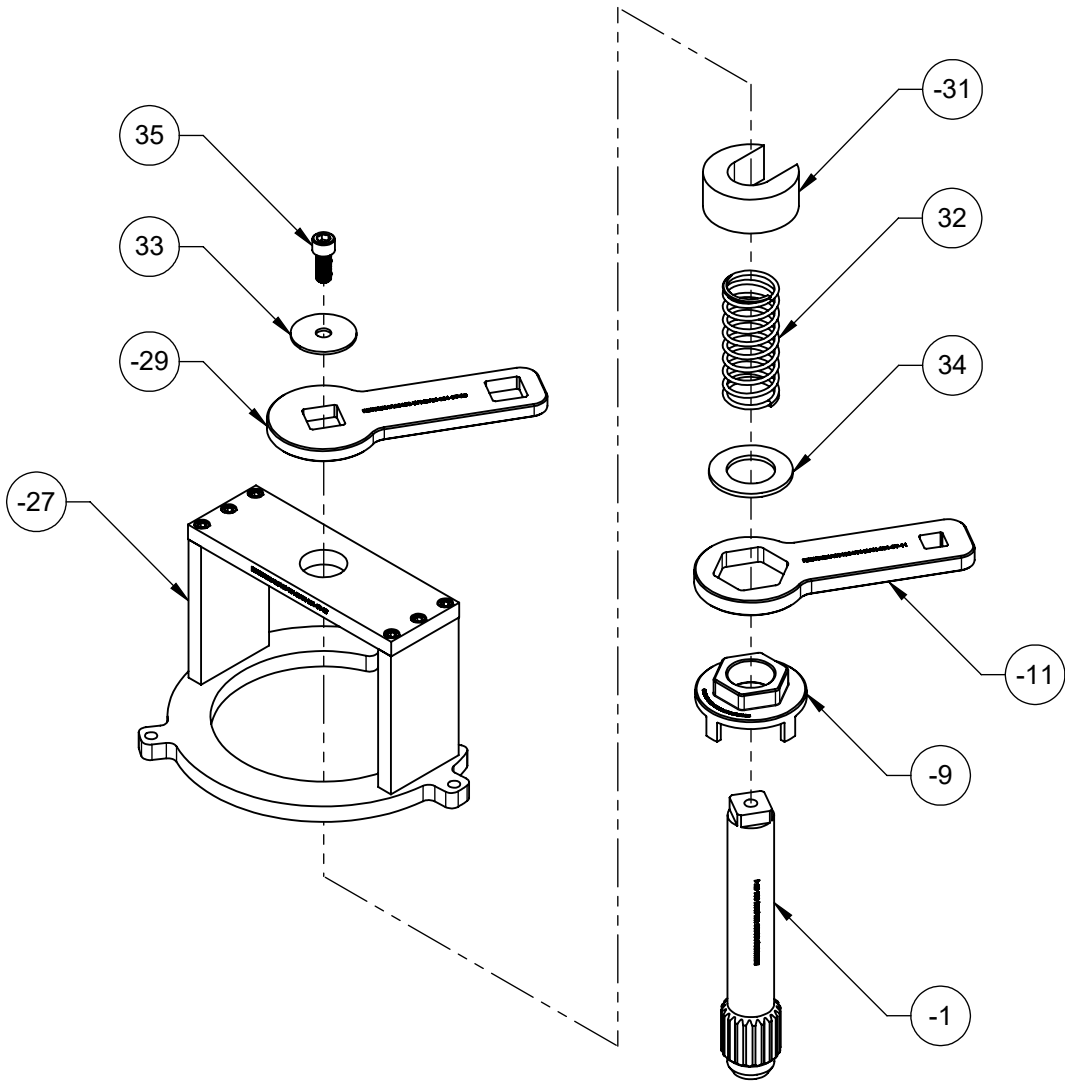
ITEM #	QTY	P/N	DESCRIPTION
-1	1	RBW6521A00138-W142AH-001-3T-1	SPLINE
-9	1	RBW6521A00138-W142AH-001-3T-9	SPANNER SOCKET
-11	1	RBW6521A00138-W142AH-001-3T-11	WRENCH
-27	1	RBW6521A00138-W142AH-001-3T-27	BASE ASSEMBLY
-29	1	RBW6521A00138-W142AH-001-3T-29	WRENCH
-31	1	RBW6521A00138-W142AH-001-3T-31	SPACER
32	1	DTSP10009-1	SPRING
33	1	AN970-5	WASHER
34	1	NAS1149F1690P (alt McMaster 98029A038)	WASHER
35	1	NAS1351-5-12P	SOCKET HEAD CAP SCREW



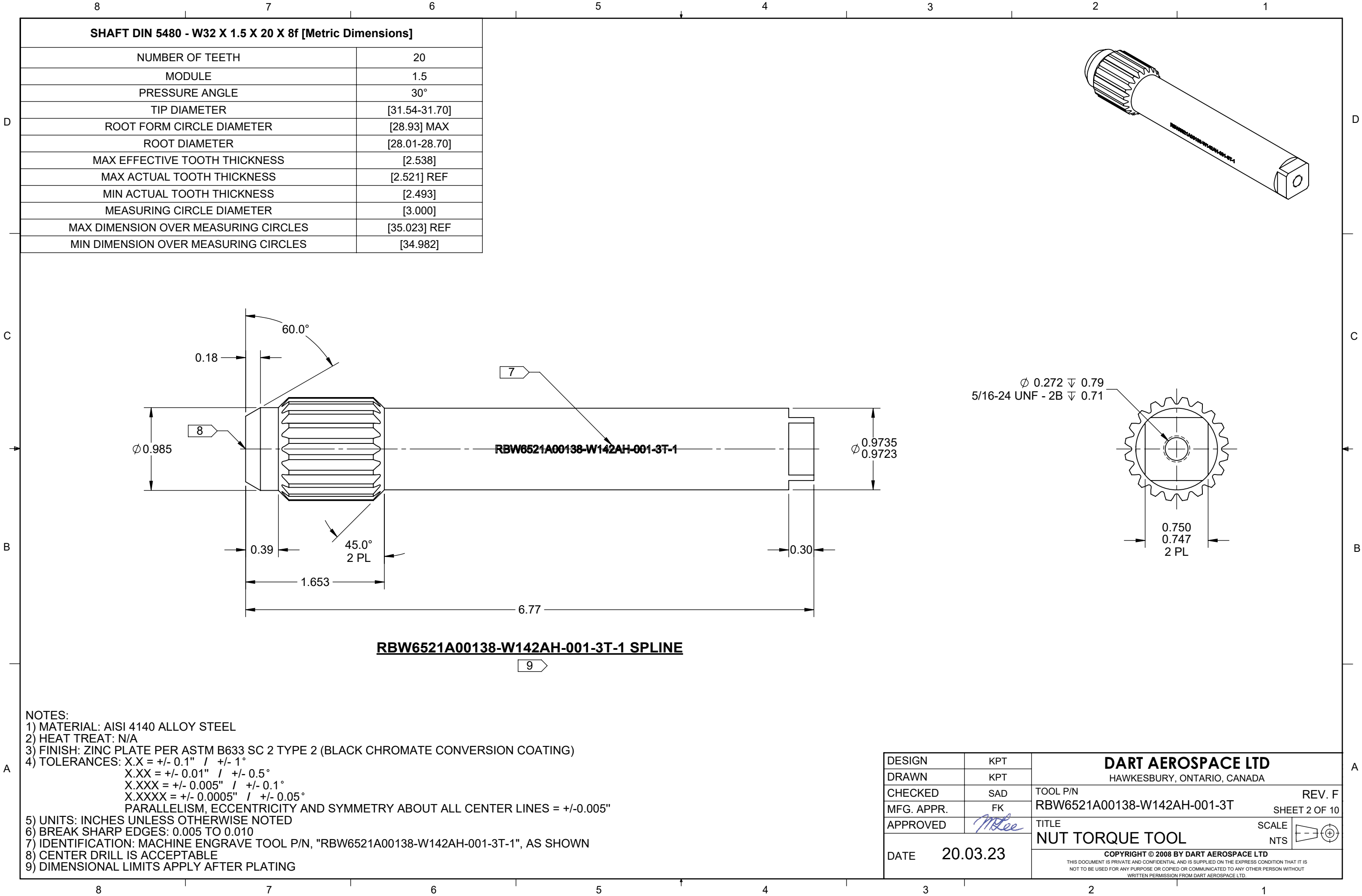
RBW6521A00138-W142AH-001-3T NUT TORQUE TOOL

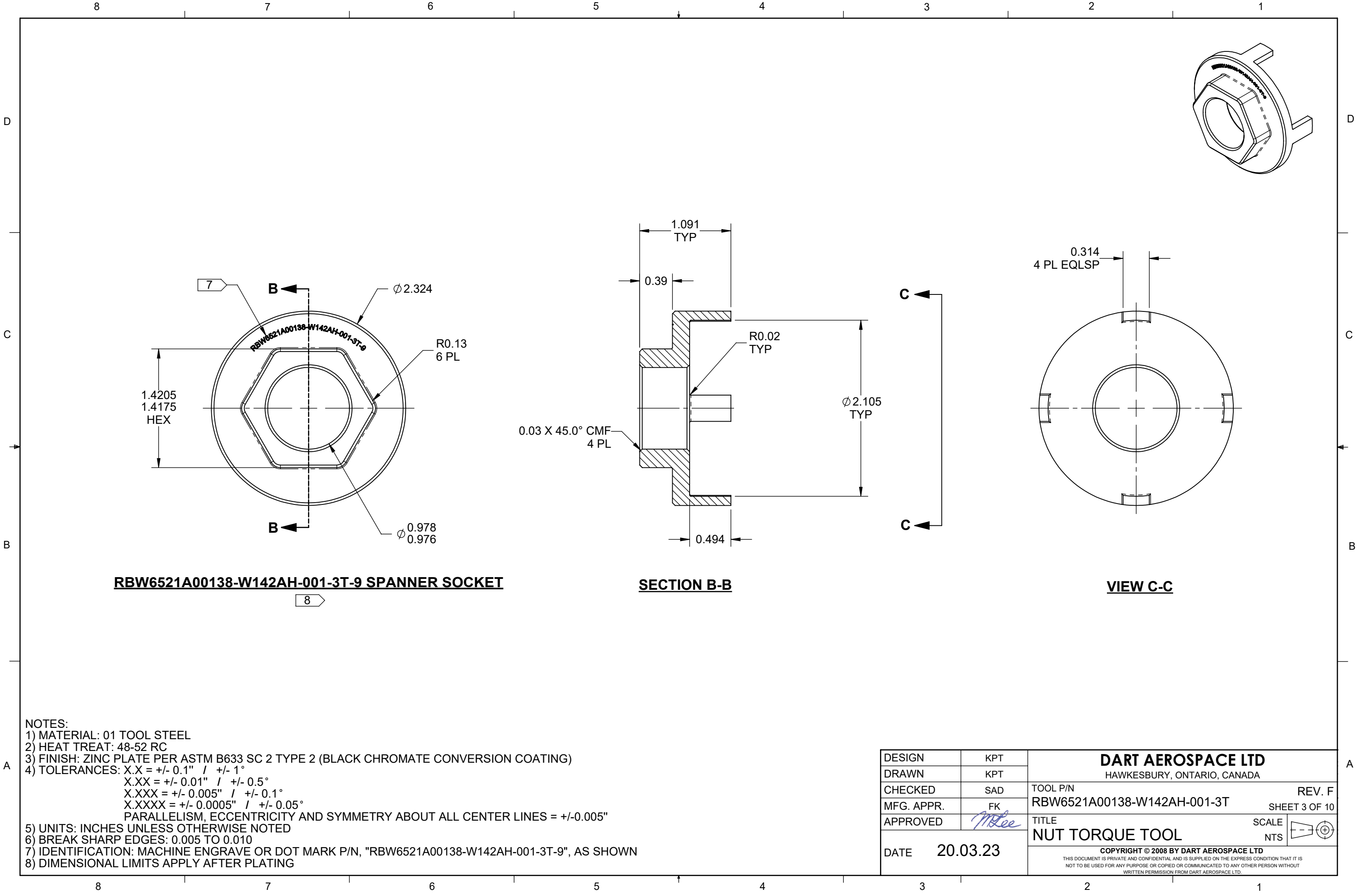
NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) ASSEMBLE AS SHOWN



F	UPDATED DRAWING TEMPLATE FOR PREVIOUS REVISION REFER TO RBW6521A00138-W142AH-3T REV. 5. REFER TO CAR 20-365 FOR LIST OF CHANGES MADE		20-515	KPT
	REV.	DESCRIPTION	ECN #	BY
	DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	KPT		
	CHECKED	SAD	TOOL P/N	REV. F
	MFG. APPR.	FK	RBW6521A00138-W142AH-001-3T	SHEET 1 OF 10
	APPROVED	<i>M. Lee</i>	TITLE	SCALE
			NUT TORQUE TOOL	NTS
DATE	20.03.23	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		





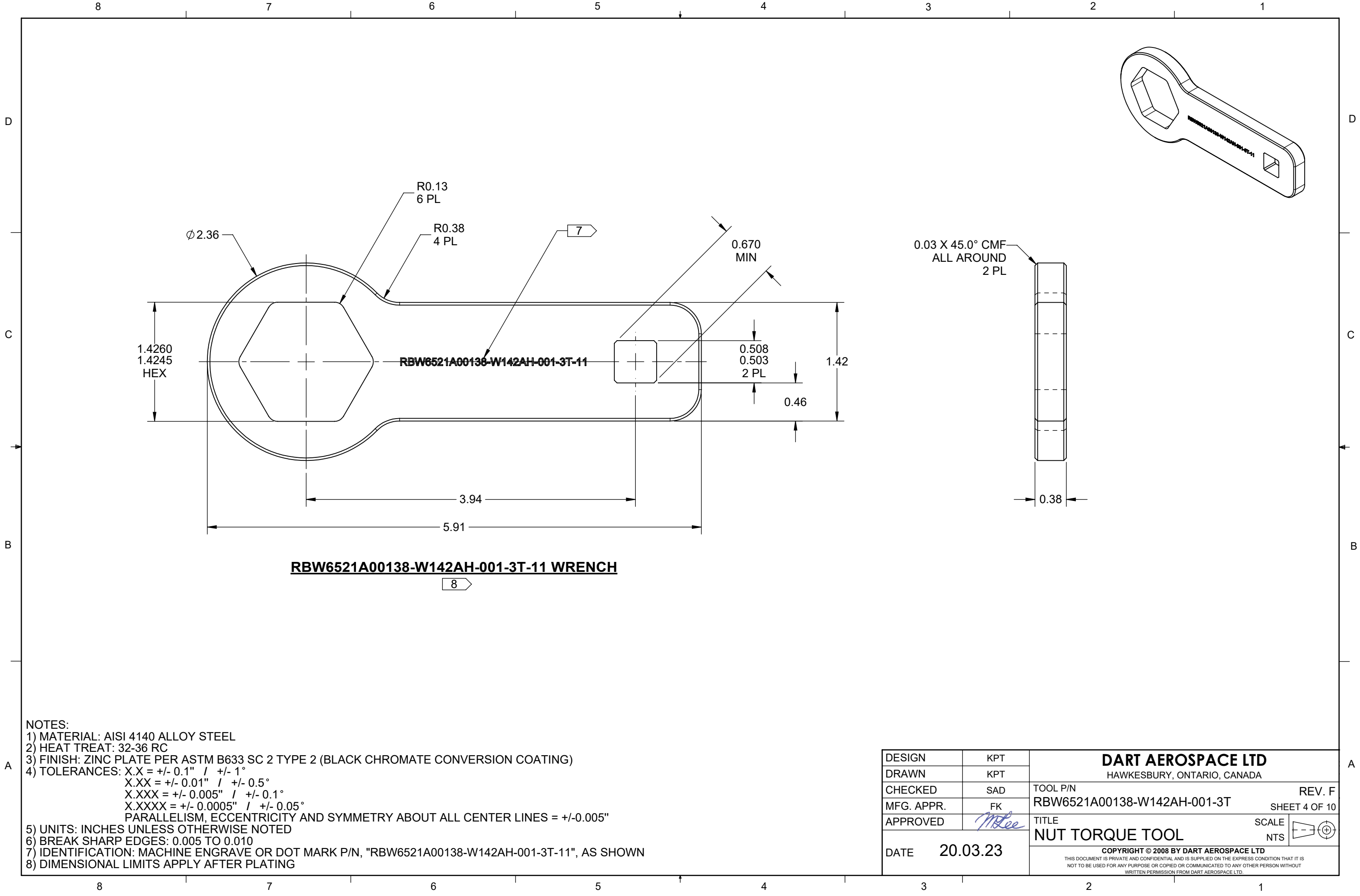
RBW6521A00138-W142AH-001-3T-9 SPANNER SOCKET

SECTION B-B

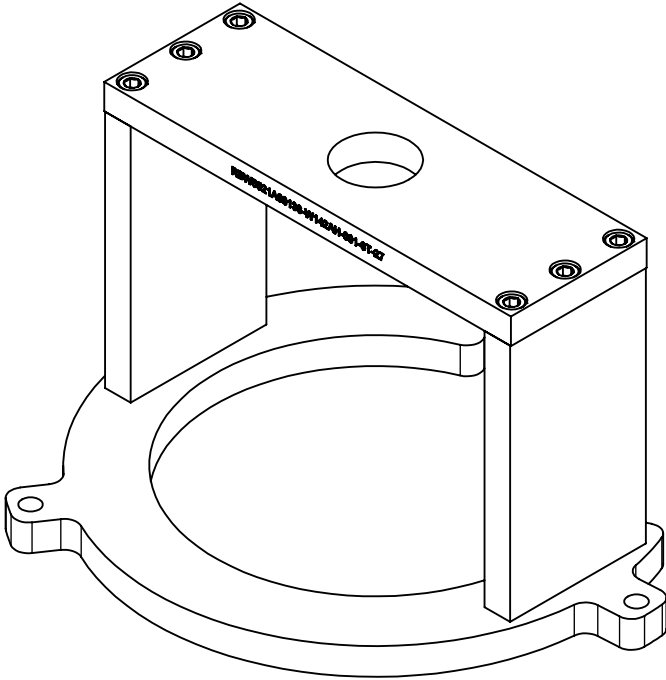
VIEW C-C

NOTES:
1) MATERIAL: 01 TOOL STEEL
2) HEAT TREAT: 48-52 RC
3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005 TO 0.010
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6521A00138-W142AH-001-3T-9", AS SHOWN
8) DIMENSIONAL LIMITS APPLY AFTER PLATING

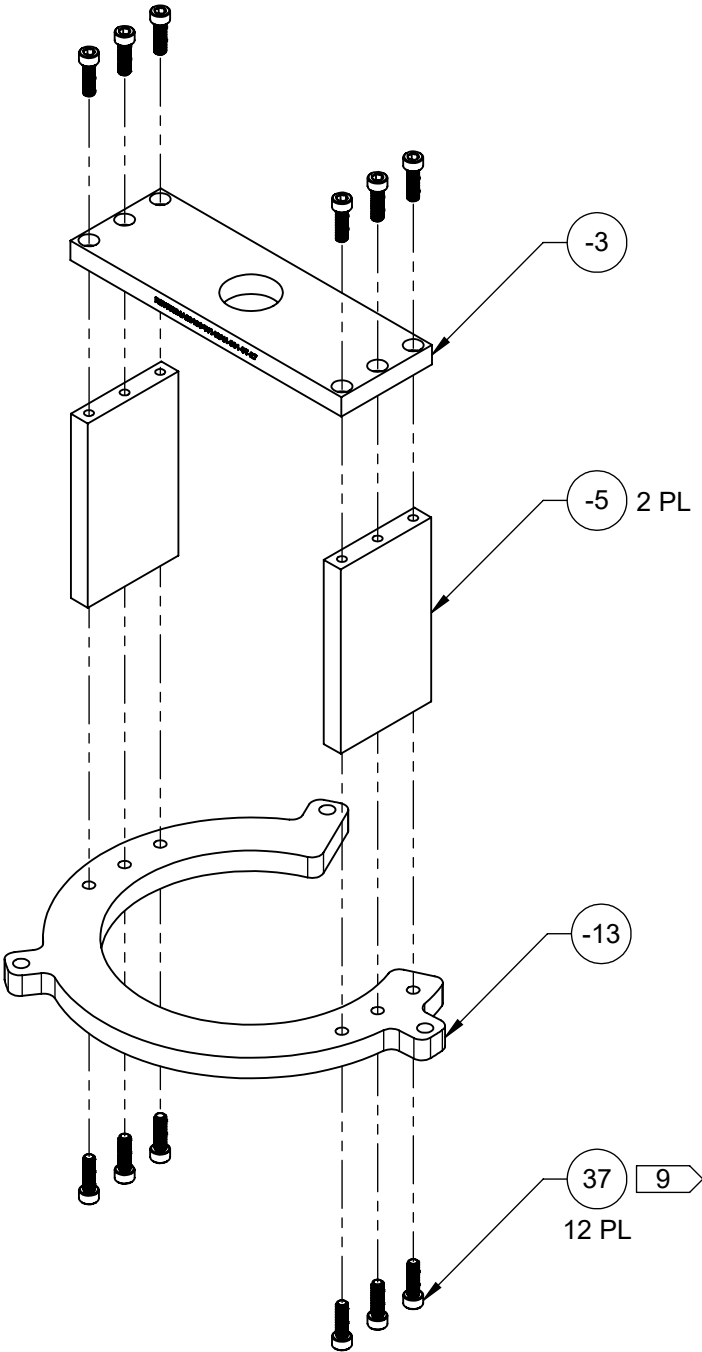
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	SAD	TOOL P/N	REV. F
MFG. APPR.	FK	RBW6521A00138-W142AH-001-3T	SHEET 3 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 20.03.23		NUT TORQUE TOOL	NTS
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ITEM #	QTY	P/N	DESCRIPTION
-3	1	RBW6521A00138-W142AH-001-3T-3	TOP BRACE
-5	2	RBW6521A00138-W142AH-001-3T-5	SIDE BRACE
-13	1	RBW6521A00138-W142AH-001-3T-13	BASE
37	12	NAS1351-3-10P	SOCKET HEAD CAP SCREW

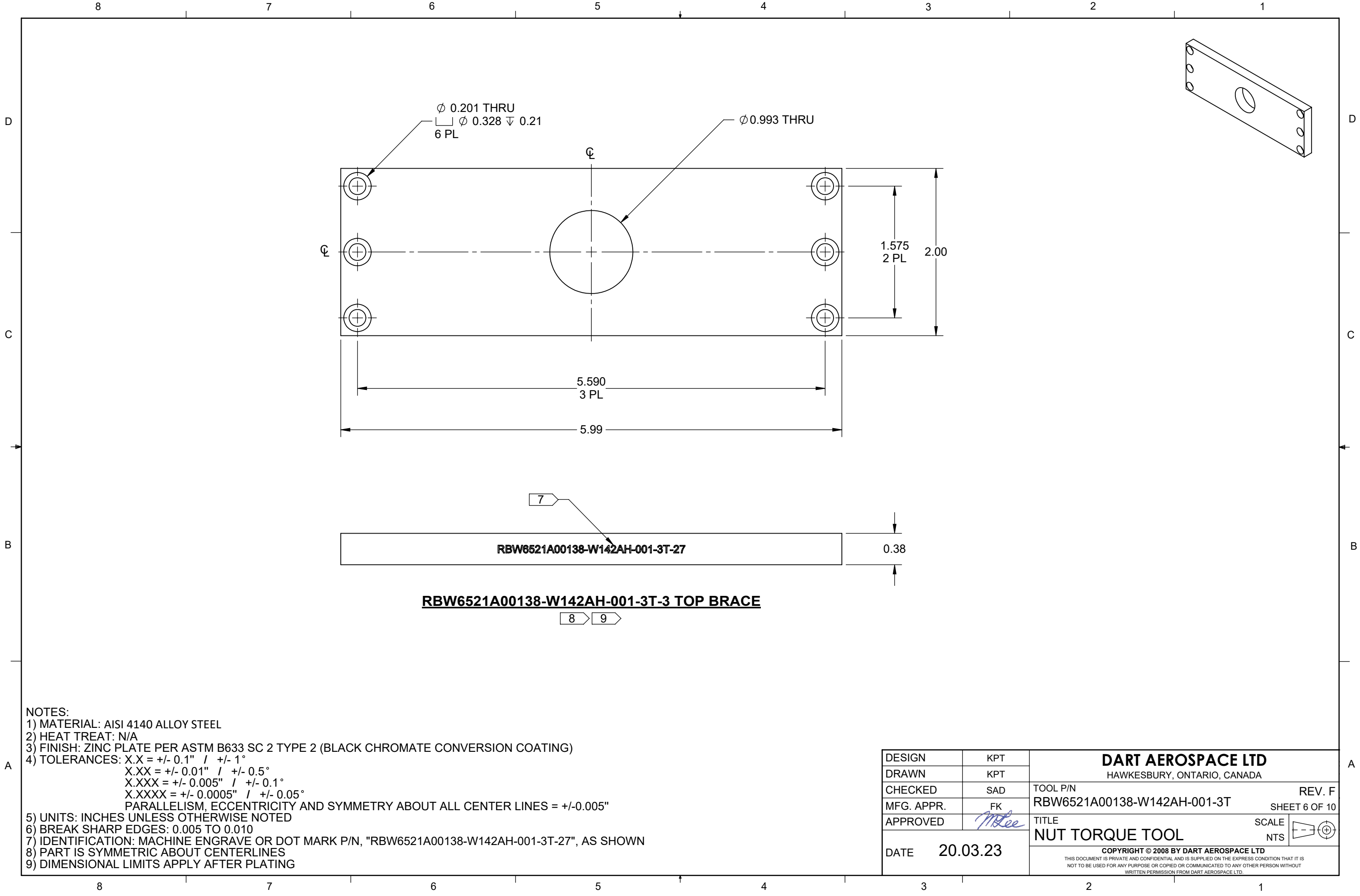


RBW6521A00138-W142AH-001-3T-27 BASE ASSEMBLY



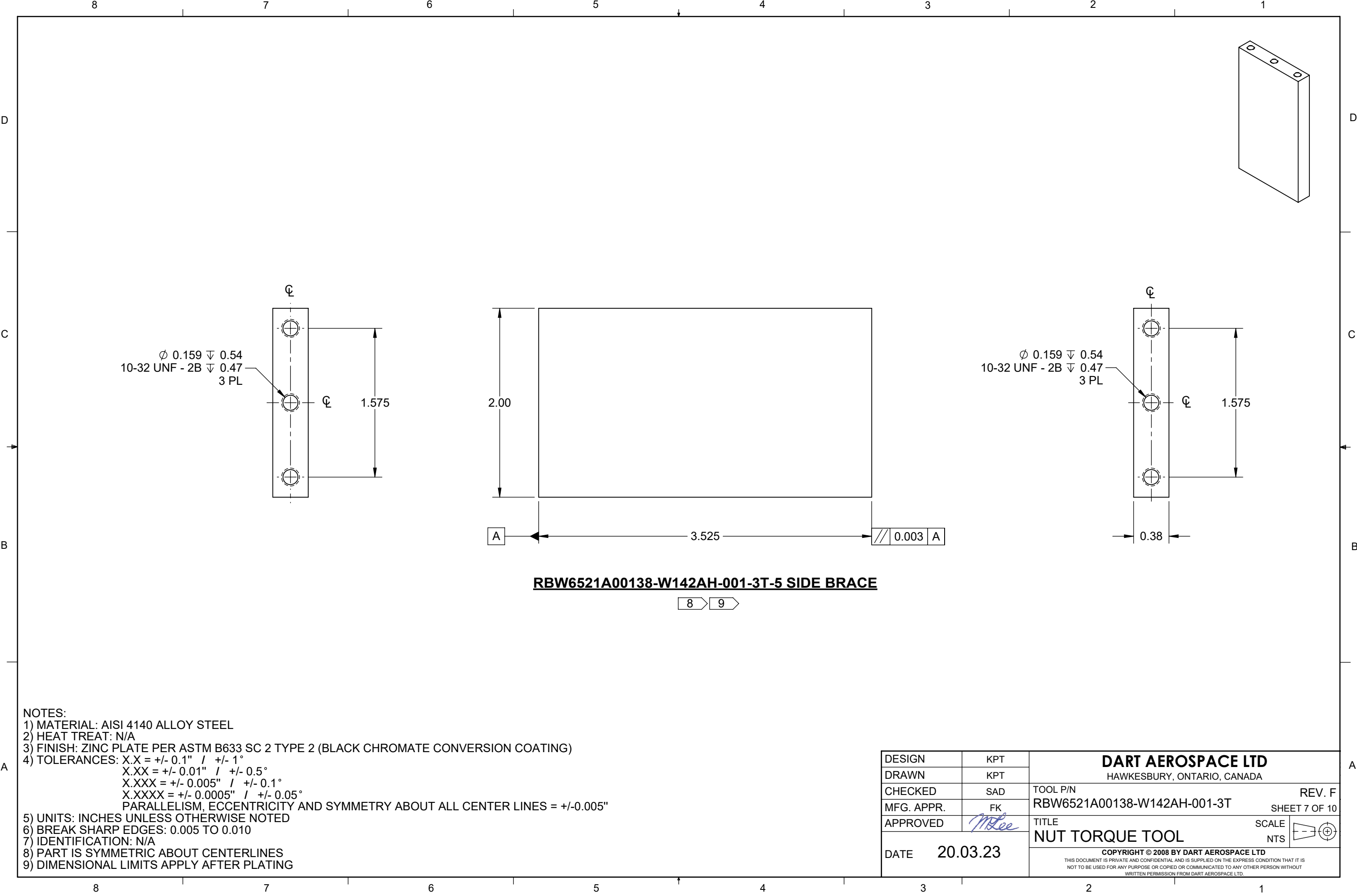
NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ASSEMBLE AS SHOWN
9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 37 THEN ASSEMBLE WITH ITEMS -3 AND -5. TORQUE TO 20-25 IN-LB.

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	SAD	TOOL P/N	REV. F
MFG. APPR.	FK	RBW6521A00138-W142AH-001-3T	SHEET 5 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 20.03.23		NUT TORQUE TOOL	NTS
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NOTES:
1) MATERIAL: AISI 4140 ALLOY STEEL
2) HEAT TREAT: N/A
3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005 TO 0.010
7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6521A00138-W142AH-001-3T-27", AS SHOWN
8) PART IS SYMMETRIC ABOUT CENTERLINES
9) DIMENSIONAL LIMITS APPLY AFTER PLATING

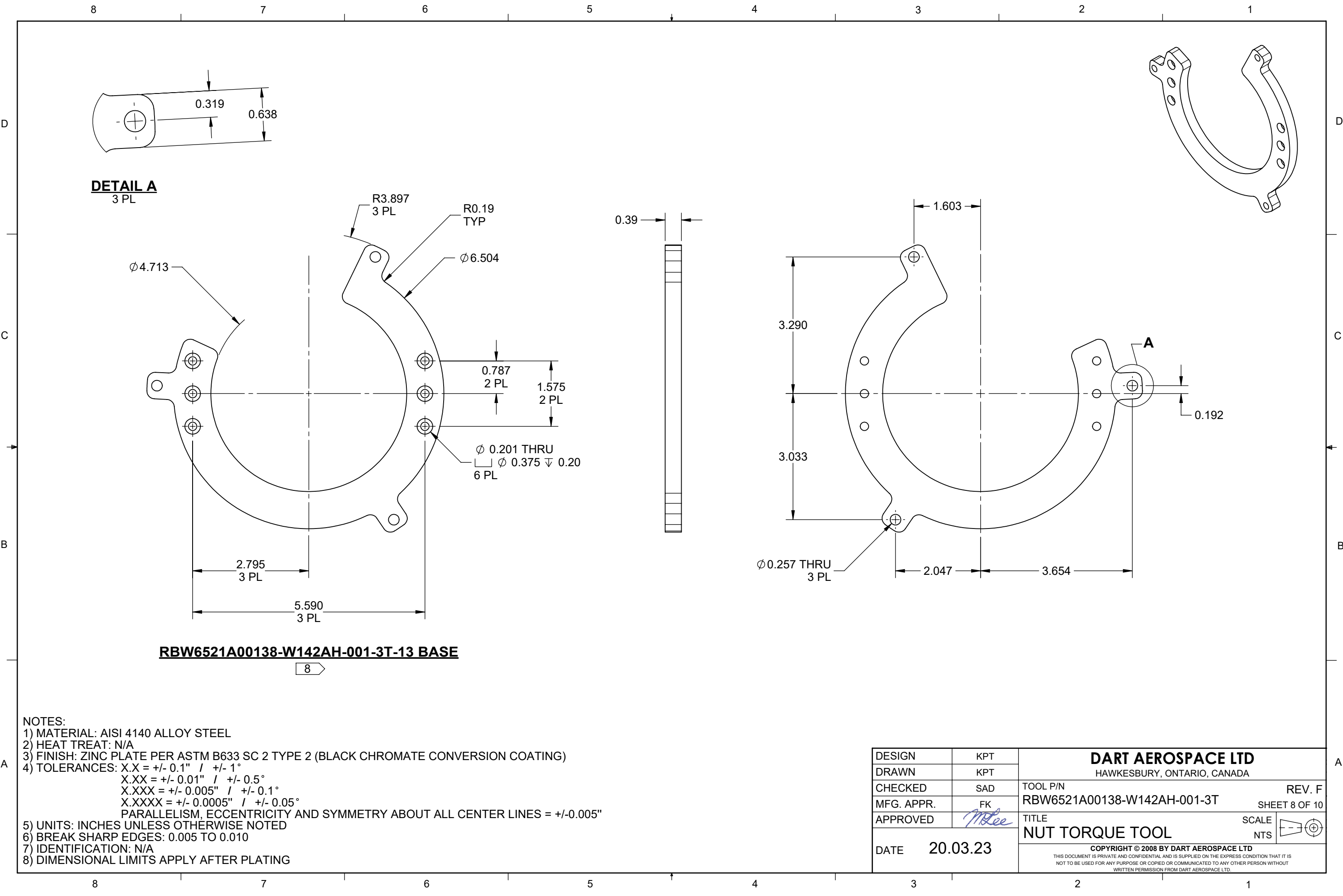
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	SAD	TOOL P/N	REV. F
MFG. APPR.	FK	RBW6521A00138-W142AH-001-3T	SHEET 6 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 20.03.23		NUT TORQUE TOOL	NTS
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RBW6521A00138-W142AH-001-3T-5 SIDE BRACE

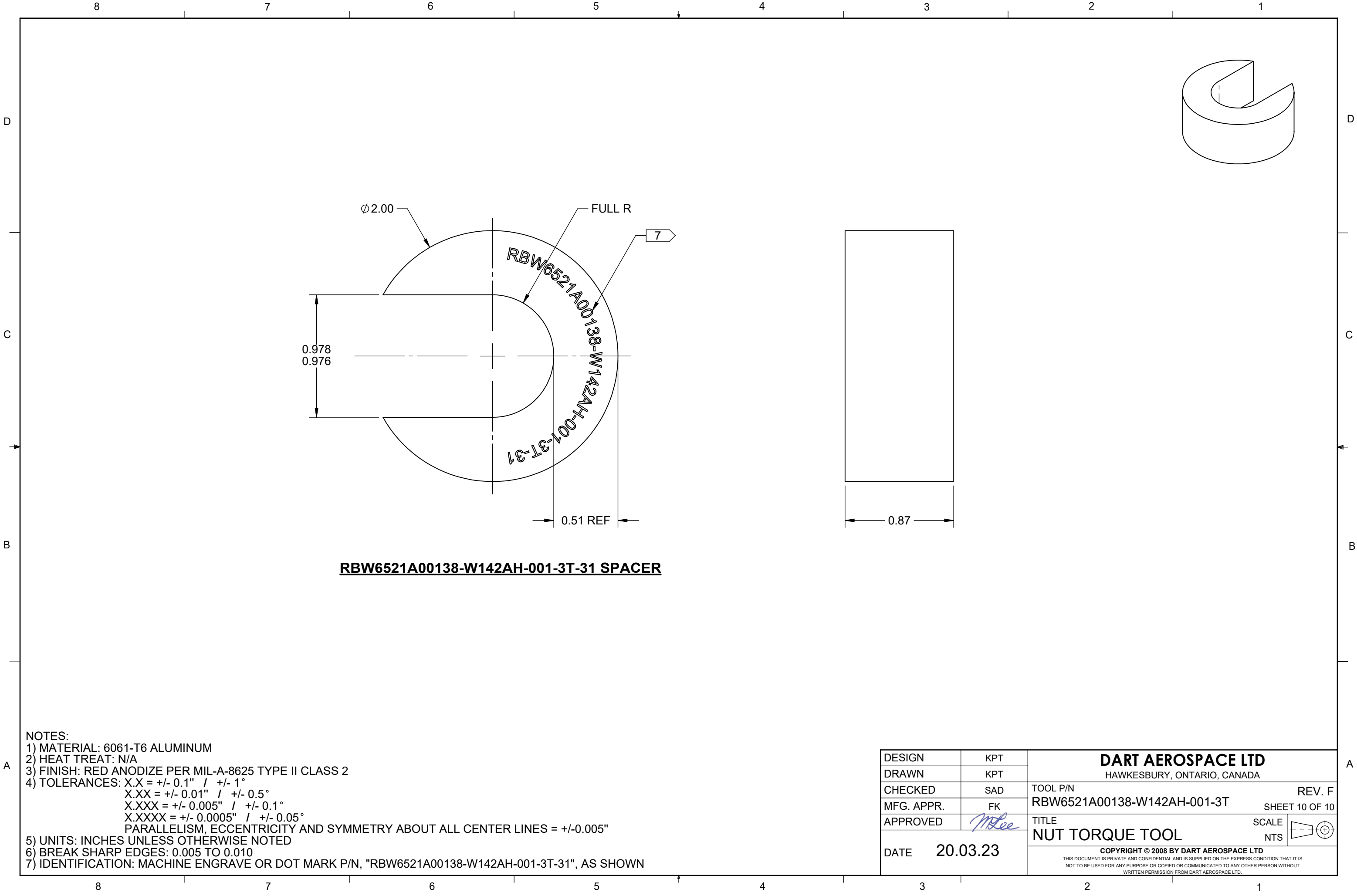
- NOTES:
- 1) MATERIAL: AISI 4140 ALLOY STEEL
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) BREAK SHARP EDGES: 0.005 TO 0.010
 - 7) IDENTIFICATION: N/A
 - 8) PART IS SYMMETRIC ABOUT CENTERLINES
 - 9) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	SAD	TOOL P/N	REV. F
MFG. APPR.	FK	RBW6521A00138-W142AH-001-3T	SHEET 7 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 20.03.23		NUT TORQUE TOOL	NTS
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NOTES:
1) MATERIAL: AISI 4140 ALLOY STEEL
2) HEAT TREAT: N/A
3) FINISH: ZINC PLATE PER ASTM B633 SC 2 TYPE 2 (BLACK CHROMATE CONVERSION COATING)
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: 0.005 TO 0.010
7) IDENTIFICATION: N/A
8) DIMENSIONAL LIMITS APPLY AFTER PLATING

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	SAD	TOOL P/N	REV. F
MFG. APPR.	FK	RBW6521A00138-W142AH-001-3T	SHEET 8 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 20.03.23		NUT TORQUE TOOL	NTS
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NOTES:

- 1) MATERIAL: 6061-T6 ALUMINUM
- 2) HEAT TREAT: N/A
- 3) FINISH: RED ANODIZE PER MIL-A-8625 TYPE II CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK P/N, "RBW6521A00138-W142AH-001-3T-31", AS SHOWN

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	SAD	TOOL P/N	REV. F
MFG. APPR.	FK	RBW6521A00138-W142AH-001-3T	SHEET 10 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DATE 20.03.23		NUT TORQUE TOOL	NTS
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